



COMBINED DECLARATION AND POWER OF ATTORNEY

15

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

COPY OF PAPERS
ORIGINALLY FILED

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GAS DELIVERY APPARATUS AND METHOD FOR ATOMIC LAYER DEPOSITION

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- ☒ was filed on December 21, 2001, under Serial No. 10/032,284; or
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<u>Country/PCT</u>	<u>Application Number</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
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60/346,086	October 26, 2001

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Inventor's signature: 
Residence: Sunnyvale, California

Date: 2-22-02

Post Office Address: 784 Dartshire Way
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U.S.A. Country of Citizenship: P.R. China

Full name of **second** inventor: Vincent Ku

Inventor's signature: _____
Residence: San Jose, California

Date: _____

Post Office Address: 1830 Daltrey Way
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U.S.A. Country of Citizenship: U.S.A

Full name of **third** inventor: Dien-Yeh Wu

Inventor's signature: _____
Residence: San Jose, California

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Post Office Address: 3625 Rowley Drive
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Full name of **fourth** inventor: Hua Chung

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Residence: San Jose, California

Post Office Address: 4645 Piper Drive
San Jose, CA 95129
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Full name of **fifth** inventor: Alan Ouye

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Residence: San Mateo, California

Post Office Address: 716 North Idaho Street
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U.S.A. Country of Citizenship: U.S.A.

Full name of **sixth** inventor: Norman Nakashima

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Full name of **third** inventor: Dien-Yeh Wu

Inventor's signature:  Date: 2/21/2002
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Full name of **fourth** inventor: Hua Chung

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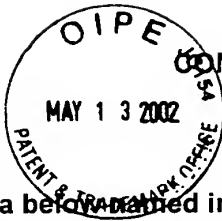
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U.S.A. Country of Citizenship: U.S.A.

Full name of **sixth** inventor: Norman Nakashima

Inventor's signature: _____ Date: _____
Residence: Sunnyvale, California

Post Office Address: 530 Lincoln Avenue
Sunnyvale, CA 94086
U.S.A. Country of Citizenship: U.S.A.

(Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

GAS DELIVERY APPARATUS AND METHOD FOR ATOMIC LAYER DEPOSITION

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is filed herewith
- ☒ was filed on December 21, 2001, under Serial No. 10/032,284; or
- ☐ Express Mail No.(as Serial No. not yet known) and was amended on (if applicable)
- ☐ was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 USC §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- ☐ No such applications have been filed.
☒ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 USC §119

<u>Country/PCT</u>	<u>Application Number</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos. for design) prior to this U.S. application

<u>Country/PCT</u>	<u>Application Number</u>	<u>Filing Date</u>
--------------------	---------------------------	--------------------

C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial Number</u>	<u>Filing Date</u>
60/346,086	October 26, 2001

PRIORITY CLAIM (35 USC §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- ☐ No such applications have been filed

☐ Such applications have been filed, as follows:

<u>Serial Number</u>	<u>Filing Dat</u>	<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Walter Benjamin Glenn	Registration No. 44,713
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Douglas H. Elliott	Registration No. 32,982
William B. Patterson	Registration No. 34,102

Send correspondence to:

Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450A
Santa Clara, CA 95052

Direct telephone calls to:

B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **sole or first** inventor: Ling Chen

Inventor's signature: _____ Date: _____

Residence: Sunnyvale, California

Post Office Address: 784 Dartshire Way
Sunnyvale, CA 94087
U.S.A. Country of Citizenship: P.R. China

Full name of **second** inventor: Vincent Ku

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 1830 Daltrey Way
San Jose, CA 95132
U.S.A. Country of Citizenship: U.S.A

Full name of **third** inventor: Dien-Yeh Wu

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 3625 Rowley Drive
San Jose, CA 95132
U.S.A. Country of Citizenship: Taiwan

Full name of **fourth** inventor: Hua Chung

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 4645 Piper Drive
San Jose, CA 95129
U.S.A. Country of Citizenship: Taiwan

Full name of **fifth** inventor: Alan Ouye

Inventor's signature:  Date: 2/21/2002

Residence: San Mateo, California

Post Office Address: 716 North Idaho Street
San Mateo, CA 94401
U.S.A. Country of Citizenship: U.S.A.

Full name of **sixth** inventor: Norman Nakashima

Inventor's signature: _____ Date: _____

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<u>Serial Number</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
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U.S.A. Country of Citizenship: U.S.A

Full name of **third** inventor: Dien-Yeh Wu

Inventor's signature: _____ Date: _____
Residence: San Jose, California

Post Office Address: 3625 Rowley Drive
San Jose, CA 95132
U.S.A. Country of Citizenship: Taiwan

Full name of **fourth** inventor: Hua Chung

Inventor's signature: _____ Date: _____
Residence: San Jose, California

Post Office Address: 4645 Piper Drive
San Jose, CA 95129
U.S.A. Country of Citizenship: Taiwan

Full name of **fifth** inventor: Alan Ouye

Inventor's signature: _____ Date: _____
Residence: San Mateo, California

Post Office Address: 716 North Idaho Street
San Mateo, CA 94401
U.S.A. Country of Citizenship: U.S.A.

Full name of **sixth** inventor: Norman Nakashima

Inventor's signature: N. M. Nakashima Date: 2-21-02
Residence: Sunnyvale, California

Post Office Address: ^{481 N.N.} 530 Lincoln Avenue
Sunnyvale, CA 94086
U.S.A. Country of Citizenship: U.S.A.

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